TIP Documentation Form

***Instructions:*** Create a document that contains each of the following headings. Then, provide your group’s written response to each.

**Group Members:**

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**Project Title:**Introducing the Periodic Table of Elements

**Grade Level:**8th grade

**Content Area**

The content area is Science- this is an introduction to the Periodic Table of Elements

**Overview of Activity:**We wanted to give Larisa something she could actually use in her classroom so we decided on Science as our subject and the periodic table of elements because that is the unit she is working on. We created a powerpoint presentation, a digital story presentation, and an activity that will engage the students.

**Instructional Procedures:**

**I.              Pre-teaching**

A.   The KWL teaching tool will be used first to find out what students already know about the periodic table of elements (the K).

B.   Then we will ask what the students want to learn about the periodic table of elements (the W).

II.            **Teaching**A. Discuss the organization of a grocery store and then relate the responses to the periodic table.

C.   **Three classes of elements of the periodic table**

1.      Metals

2.      Non-metals

3.      Metalloids

D.   **Four important things inside each box of the periodic table**

**1.    Atomic number**

**2.    Symbol**

**3.    Name of elements**

**4.    Atomic mass number**

**III.           Acitivities**

**A.   PowerPoint**

**B.   Digital Story**

**C.   Assignment for students**

**IV.          Reflect on subject**

**Beneficial Aspects of Activity:**

This lesson will help introduce the students to the periodic table of elements and will help them quickly identify the different aspects of the table. We will engage the student using several different technology tools such as PowerPoint and PhotoStory. Students will be actively engaged in the assignment by breaking into groups and going on a scavenger hunt to identify elements in their everyday world. Using many different learning styles will help reach all students in their learning style either visually, auditory, and kinesthetically. This project will be worthwhile for the teacher because the students are learning an important concept that will carry them through the rest of their high school and college days, and the students are having fun while learning.